GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1737
ANSWERED ON:25.07.2002
INSTALLATION OF SHUNT CAPACITORS IN KARNATAKA
GANGASANDRA SIDDAPPA BASAVARAJ

Will the Minister of POWER be pleased to state:

(a) whether there is a proposal to install shunt capacitors to improve the voltage profile in the State power systems in Karnataka;

(b) if so, the estimated requirements of Shunt capacitors for these systems and the number of these installed in Karnataka during 2001-2002;

(c) whether the existing power distribution system in Karnataka could be improved by installation of Shunt Capacitors;

(d) if so, whether the Centre are likely to assist the State in this regard; and

(e) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b) : Yes, Sir. There is a total of 3710.12 MVAR Capacitor Banks installed in Karnataka Power Transmission Corporation Ltd. (KPTCL) system in Karnataka as on 31.3.2002. The load flow studies have been conducted and to maintain the voltage within the stipulated levels as per norms of Karnataka Electricity Regulatory Commission(KERC)/Central Electricity Authority, a total addition of 4352.50 MVAR is proposed for the 10th Five Year Plan, at an estimated cost of Rs.109.00 crores. During the year 2001- 02, a capacity of 474 MVAR has been added in the Karnataka System.

(c) : Yes, Sir. The existing power system in Karnataka could be improved by installation of Shunt Capacitors.

(d) & (e) : Yes, Sir. Assistance has been offered to Karnataka in the installation of Shunt Capacitors, by the Power Grid Corporation of India Limited (POWERGRID).